



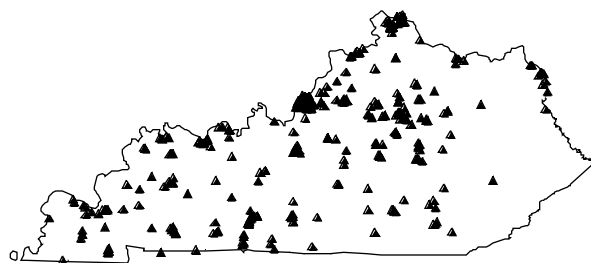
## 1996 TOXICS RELEASE INVENTORY

# KENTUCKY

### State/TRI Data

|                  |           |
|------------------|-----------|
| Population       | 3,882,071 |
| Total Facilities | 429       |
| Total Forms      | 1,563     |
| Form As          | 123       |

|                           |            |
|---------------------------|------------|
| National Rank for         |            |
| On- and Off-site Releases | 21         |
| On-site Releases          | 21         |
| Transfers into State      |            |
| National Rank             | 22         |
| Pounds                    | 18,318,748 |
| Transfers out of State    |            |
| National Rank             | 9          |
| Pounds                    | 59,046,841 |



### Reported Releases and Waste Management Activities (pounds)

|   |             |
|---|-------------|
| On- and Off-site Releases                       | 47,366,863  |
| On-site Releases                                | 41,385,192  |
| Air Emissions                                   | 37,981,386  |
| Surface Water Discharges                        | 1,468,738   |
| Underground Injection                           |             |
| Class I Wells                                   | 0           |
| Class II-V Wells                                | 0           |
| Releases to Land                                |             |
| RCRA Subtitle C Landfills                       | 184,646     |
| Other On-site Land Releases                     | 1,750,422   |
| Transfers Off-site to Disposal                  | 5,981,671   |
| On-site Waste Management                        | 460,233,847 |
| Recycling                                       | 270,427,752 |
| Energy Recovery                                 | 70,165,040  |
| Treatment                                       | 119,641,055 |
| Off-site Transfers for Further Waste Management | 69,691,617  |
| Recycling                                       | 50,702,619  |
| Energy Recovery                                 | 9,357,605   |
| Treatment                                       | 8,070,093   |
| Publicly Owned Treatment Works (POTWs)          | 1,515,709   |
| Other Off-site Transfers                        | 45,591      |

### For More Information. . .

State Contact:  
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(502) 564-2150  
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EPA Regional Contact:  
Ezequiel Velez  
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## Top Ten Chemicals for On- and Off-site Releases

| CAS Number | Chemical                                | Air Emissions Pounds | Surface Water Discharges Pounds | Underground Injection |                         | On-site Releases to Land         |                                    | Total On-site Releases Pounds | Total Transfers Off-site to Disposal Pounds | On- and Off-site Releases Pounds |
|------------|---|----------------------|---------------------------------|-----------------------|-------------------------|----------------------------------|------------------------------------|-------------------------------|---|----------------------------------|
|            |   |                      |                                 | Class I Wells Pounds  | Class II-V Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Land Releases Pounds |                               |   |                                  |
| 67-56-1    | Methanol                                | 5,005,957            | 193,540                         | 0                     | 0                       | 0                                | 4,407                              | 5,203,904                     | 0   | 5,203,904                        |
| 1330-20-7  | Xylene (mixed isomers)                  | 4,466,941            | 301                             | 0                     | 0                       | 0                                | 5,607                              | 4,472,849                     | 6,737                                       | 4,479,586                        |
| 75-45-6    | Chlorodifluoromethane (HCFC-22)         | 4,289,701            | 0                               | 0                     | 0                       | 0                                | 0                                  | 4,289,701                     | 0   | 4,289,701                        |
| 108-88-3   | Toluene                                 | 3,935,803            | 231                             | 0                     | 0                       | 0                                | 5,238                              | 3,941,272                     | 6,956                                       | 3,948,228                        |
| 8001-58-9  | Creosote                                | 14,533               | 28                              | 0                     | 0                       | 0                                | 0                                  | 14,561                        | 3,440,328                                   | 3,454,889                        |
| 110-54-3   | n-Hexane                                | 2,591,748            | 182                             | 0                     | 0                       | 0                                | 1,264                              | 2,593,194                     | 965   | 2,594,159                        |
| —          | Glycol ethers                           | 1,834,273            | 0                               | 0                     | 0                       | 0                                | 0                                  | 1,834,273                     | 1,512                                       | 1,835,785                        |
| 7429-90-5  | Aluminum (fume or dust)                 | 285,965              | 516                             | 0                     | 0                       | 18,700                           | 1,200,250                          | 1,505,431                     | 108,056                                     | 1,613,487                        |
| 75-68-3    | 1-Chloro-1,1-difluoroethane (HCFC-142b) | 1,574,000            | 2,800                           | 0                     | 0                       | 0                                | 0                                  | 1,576,800                     | 2,200                                       | 1,579,000                        |
| 75-09-2    | Dichloromethane                         | 1,209,567            | 56                              | 0                     | 0                       | 0                                | 280                                | 1,209,903                     | 6   | 1,209,909                        |

## Top Ten Facilities for On- and Off-site Releases

| Facility / City, County                          | Air Emissions Pounds | Surface Water Discharges Pounds | Underground Injection |                         | On-site Releases to Land         |                                    | Total On-site Releases Pounds | Total Transfers Off-site to Disposal Pounds | On- and Off-site Releases Pounds |
|--|----------------------|---------------------------------|-----------------------|-------------------------|----------------------------------|------------------------------------|-------------------------------|---|----------------------------------|
|  |                      |                                 | Class I Wells Pounds  | Class II-V Wells Pounds | RCRA Subtitle C Landfills Pounds | Other On-site Land Releases Pounds |                               |   |                                  |
| Du Pont, Louisville, Jefferson                   | 3,949,400            | 0                               | 0                     | 0                       | 0                                | 0                                  | 3,949,400                     | 48,108                                      | 3,997,508                        |
| Koppers Ind. Inc., Guthrie, Todd                 | 11,653               | 28                              | 0                     | 0                       | 0                                | 0                                  | 11,681                        | 3,440,328                                   | 3,452,009                        |
| Air Products & Chemicals, Calvert City, Marshall | 2,478,897            | 53,779                          | 0                     | 0                       | 0                                | 0                                  | 2,532,676                     | 0   | 2,532,676                        |
| Ford Motor Co., Louisville, Jefferson            | 2,395,313            | 0                               | 0                     | 0                       | 0                                | 0                                  | 2,395,313                     | 4,100                                       | 2,399,413                        |
| Elf Atochem N.A. Inc., Calvert City, Marshall    | 2,269,698            | 26,185                          | 0                     | 0                       | 0                                | 0                                  | 2,295,883                     | 7,439                                       | 2,303,322                        |
| Toyota Motor Mfg., Georgetown, Scott             | 2,280,339            | 1,681                           | 0                     | 0                       | 266                              | 565                                | 2,282,851                     | 15,831                                      | 2,298,682                        |
| Osram Sylvania Products, Versailles, Woodford    | 2,189,283            | 2                               | 0                     | 0                       | 0                                | 0                                  | 2,189,285                     | 791   | 2,190,076                        |
| Westvaco Corp., Wickliffe, Ballard               | 1,125,586            | 214,070                         | 0                     | 0                       | 0                                | 35,483                             | 1,375,139                     | 0   | 1,375,139                        |
| American Synthetic Rubber, Louisville, Jefferson | 1,371,010            | 0                               | 0                     | 0                       | 0                                | 0                                  | 1,371,010                     | 770   | 1,371,780                        |
| Imco Recycling Inc., Morgantown, Butler          | 12,106               | 0                               | 0                     | 0                       | 0                                | 1,358,200                          | 1,370,306                     | 0   | 1,370,306                        |

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